

AS81659/62

FEDERAL SUPPLY CLASS
5935

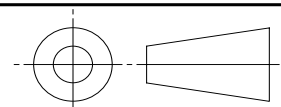
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THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81659

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE,
CRIMP CONTACTS, (DUAL INSERT, TYPE III, CLASS 1,
(-65°C TO +125°C), SERIES 2, SHELL DESIGNATOR A)

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SHEET 1 OF 4

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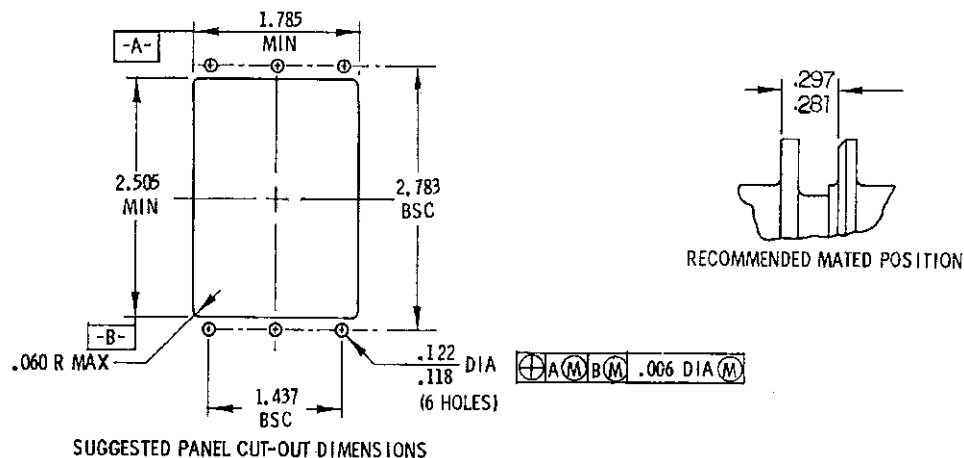
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ISSUED 2004-05

FOR CONNECTOR DRAWING SEE PAGE 2.



INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.006	.15	.117	2.97	.521	13.23	1.3915	35.34	2.015	51.18
.040	1.02	.118	3.00	.541	13.74	1.427	36.25	2.250	57.15
.047	1.19	.122	3.10	.7185	18.25	1.437	36.50	2.485	63.12
.050	1.27	.133	3.38	.928	23.57	1.447	36.75	2.505	63.63
.055	1.40	.178	4.52	.948	24.08	1.725	43.82	2.783	70.69
.060	1.52	.198	5.03	1.326	33.68	1.765	44.83	3.060	77.72
.065	1.65	.281	7.14	1.367	34.72	1.785	45.34	3.090	78.49
.093	2.36	.297	7.54	1.387	35.23	1.985	50.42		

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
3. DIMENSIONS APPLY AFTER PLATING.
4. NORMAL (01) POLARIZATION POSITION SHOWN. FOR ALTERNATE POSITIONS SEE MIL-C-81659.
5. FOR LOCATION OF DATUMS G AND H REFER TO MIL-C-81659, FIGURE 7.
6. THIS CONNECTOR DOES NOT HAVE A WIRE SEALING GROMMET.

REQUIREMENTS:

INSERT ARRANGEMENTS SHALL BE IN ACCORDANCE WITH MS3157.

CONTACTS SHALL BE IN ACCORDANCE WITH MIL-C-39029/11 OR MIL-C-39029/12 AS APPLICABLE.

INSTALLING AND REMOVAL TOOLS SHALL BE IN ACCORDANCE WITH MS3156 OR MS3447.